



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **08247987 A**(43) Date of publication of application: **27.09.96**

(51) Int. Cl.

G01N 27/28
G01N 27/327
(21) Application number: **07054834**(22) Date of filing: **15.03.95**(71) Applicant: **OMRON CORP**
 (72) Inventor: **SAKOTA YUSAKU**
ENDO HIDEKI
NAKAJIMA SATOSHI
(54) PORTABLE MEASURING INSTRUMENT**(57) Abstract:**

PURPOSE: To provide a portable measuring instrument in which the size is reduced, the operability is improved, the output stability is improved and waterproofness is improved.

CONSTITUTION: A sensor holder 5 which contains a planar type enzyme sensor formed integrally with a substrate electrode and an immobilized enzyme film is detachably mounted at a measuring instrument body 2, a conical opening 30a corresponding to the sensing part 21 of the sensor is provided at the holder 5, a cartridge 40 and a packing member 41 are provided in a cover 3 detachably mounted at the body 2, stock solution is contained in the inner space formed of the cartridge 40 and the member 41, and the holder 5 is dipped in the solution in the cover 3 via the member 41.

COPYRIGHT: (C)1996,JPO

